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<b>Notice of Allowability</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/705,308	LEE ET AL.	
	<b>Examiner</b>	<b>Art Unit</b>	
	Jon A Szumny	3632	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to November 10, 2003.
2. ☒ The allowed claim(s) is/are 1-18.
3. ☒ The drawings filed on 10 November 2003 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☒ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☒ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  6. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).**
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |   |   |
|---|---|
| <ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)</li> <li>2. <input type="checkbox"/> Notice of Draftperson's Patent Drawing Review (PTO-948)</li> <li>3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),<br/>Paper No./Mail Date _____</li> <li>4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br/>of Biological Material</li> </ol> | <ol style="list-style-type: none"> <li>5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)</li> <li>6. <input type="checkbox"/> Interview Summary (PTO-413),<br/>Paper No./Mail Date _____</li> <li>7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment</li> <li>8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance</li> <li>9. <input type="checkbox"/> Other _____</li> </ol> |
|---|---|

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This is the first office action for application number 10/705,308, Adjustable Support Frame for Image Output Apparatus, filed on November 10, 2003.

***Priority***

Receipt is acknowledged of papers submitted under 35 U.S.C. 119(a)-(d), which papers have been placed of record in the file.

**EXAMINER'S AMENDMENT**

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Cynthia Pillote on June 9, 2004.

The application has been amended as follows:

On page 5, line 4, "counterclockwise" has been changed to --clockwise--;

On line 5, "clockwise" has been changed to --counterclockwise--.

On page 7, the second to last line, "a side" has been changed to --side--.

***Allowable Subject Matter***

Claims 1-18 are allowed.

The following is an examiner's statement of reasons for allowance:

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The prior art taught many examples of support frames for image output apparatuses for adjusting height of the output apparatuses, wherein each output apparatus has a housing.

However, regarding claim 1, the prior art failed to specifically teach each support frame to comprise a rotatable damping wheel disposed in the housing, and a supporting foot movably coupled to the housing, wherein the support foot is static to the housing as the damping wheel pushes against a side of the supporting foot forming a positioning state, and the damping wheel rotates to make the supporting foot move relative to the housing for adjusting height of the image output apparatus as the housing is pressed downward, wherein the damping wheel is allowed to rotate in only one direction.

Regarding claim 9, the prior art failed to specifically teach each support frame to comprise a supporting foot movably coupled to the housing, a first positioning unit configured to movably push against a side of the supporting foot, and a separating apparatus for driving the first positioning unit to separate from the supporting foot as the housing is pressed downward, wherein the supporting foot is static to the housing as the first positioning unit pushes against a side of the supporting foot forming a positioning state, and as the housing is pressed downward, the separating apparatus is triggered to drive the first positioning unit.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

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***Conclusion***

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Heckman '591, Cullen '648, Arai et al. '543, Oyama et al. '909, Hsu et al. '972, Chang '601 and Huang et al. '890 divulge various height adjusting mechanisms.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jon A Szumny whose telephone number is (703) 306-3403. The examiner can normally be reached on Monday-Friday 8-4.

The fax phone number for the organization where this application and proceeding are assigned is (703) 872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-1113.



Jon Szumny  
Patent Examiner  
Technology Center 3600  
Art Unit 3632  
June 9, 2004



ANITA KING  
PRIMARY EXAMINER